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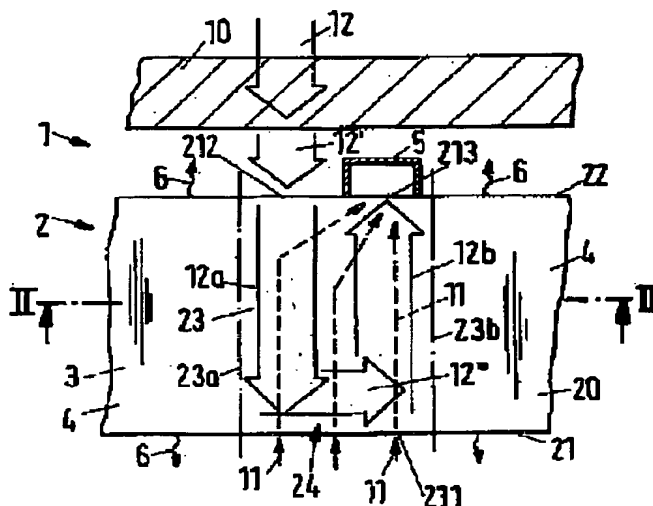
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APPLICANT : SULZER HEXIS AG;

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TITLE : FUEL CELL BATTERY HAVING
LAYERED PRODUCT OF FLAT CELL



ABSTRACT : PROBLEM TO BE SOLVED: To reduce a cost in manufacturing a fuel cell battery.

SOLUTION: In a fuel cell battery 1 having a layered product 2 of flat cells 3, 4 with a PEN (positive electrode) as an electrochemical active plate 3 and an inter-connector 4 alternately disposed, the inter-connector 4 having profiling structured so that two kinds of fluid 11, 12 flow while always making contact with the PEN is formed on one layer, a direction converting region 24 to reverse the flow direction of second fluid 12 is provided, and a cell dimension is determined so that an undesirable value of thermal stress is not exceeded in the PEN when it is actuated.

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